

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chasanoff et al.

Atty Dkt: 2893/101

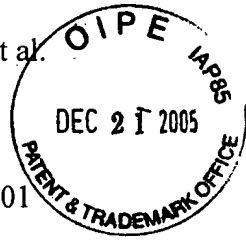
Serial No: 09/891,599

Art Unit: 2174

Date Filed: June 25, 2001

Examiner: Pesin, Boris M.

Invention: Object Universe

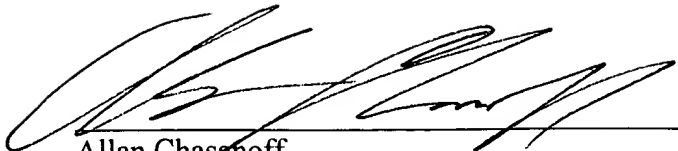


DECLARATION UNDER 37 C.F.R. §1.131

1. We are co-inventors of the "Object Universe" that is the subject of the patent application identified above.
2. We invented and created original Java source code prior to April 23, 1999. The original Java source code is referenced herein as "our Program."
3. Directory listings of our Program with redacted dates all prior to April 23, 1999 are submitted herewith as Exhibit A-1 to A-10.
4. In order to document the early completion of our invention, we used our Program to produce the screenshots shown in Exhibits B-J.
5. The screenshots in Exhibits B-J show that we were in possession of our invention prior to April 23, 1999.
6. To facilitate examination of the above-identified patent application, we explain in the following paragraphs how our Program corresponded to the limitations of claim 1.
7. Our Program provided "a method for establishing relationships between multiple data items in a computer." As seen in Exhibit I, relationships have been established using our Program between data items displayed by the computer.
8. The method of claim 1 creates "a graphical representation of at least one data classification cluster Master Facet, said Master Facet utilized for clustering a plurality of related data items." Exhibit B shows how our Program created three Master Facets, each with a number of data items clustered beneath it.
9. The method of claim 1 provides for "defining attributes of said Master Facet." Upon double-clicking on a Master Facet, our Program would open a dialog box for defining attributes for the Master Facet as shown in any of Exhibits G-1, G-2 and G-3.

10. The method of claim 1 further recites “creating a graphical representation of a plurality of data items.” Our Program created Exhibit B with a plurality of rectangular blocks, each representing a data item.
11. The method of claim 1 provides for “defining attributes of each of said plurality of data items.” Upon double-clicking on a data item, our Program would open a dialog box for defining attributes for the data item as shown in any of Exhibits H-1, H-2 and H-3.
12. Our Program clustered “a subset of related data items of said plurality of data items under said Master Facet” and visually displayed said clustering as shown in Exhibit B.
13. Our Program allowed for “associating at least one data item of said plurality of data items under said Master Facet with another data items by forming a relationship between said data items” and visually displayed the relationship as shown in Exhibit I. Upon forming a relationship, the rectangular data item was visually represented instead as a line extending from and beneath its Master Facet.
14. The method of claim 1 further provides for “defining attributes of said relationship and perceived logical connection between said data items.” Upon double –clicking on the relationship line connecting two data items, our Program would open a dialog box for defining attributes for the relationship and perceived logical connection as shown in any of Exhibits J-1, J-2 and J-3.
15. We each hereby declare that all statements made of our own knowledge herein are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application in connection with which this declaration is being submitted to the Patent and Trademark Office, or any patent issued thereon.

12/12/05
Date


Allan Chasanoff

12/08/2005
Date


Rick Ross

02893/00101 444317.1



mat's Home



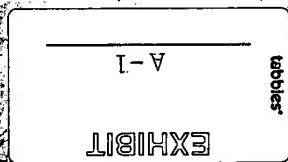
Start Here



Trash



IntelliJ IDEA 4.5



COPY

coremodel

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/oa/coremodel

View as List

| File name | Size | Type | Date Modified |
|---------------------------|-----------|---------------------|---------------|
| 4 Items folder | | | |
| ActivatedTools.java | 939 bytes | Java source code | 4:21:00 PM |
| AnnotationObject.java | 1.4 K | Java source code | 4:21:00 PM |
| AssertionFailedError.java | 237 bytes | Java source code | 4:21:00 PM |
| ContentObject.java | 706 bytes | Java source code | 4:21:00 PM |
| CoreModelBuilder.java | 26.0 K | Java source code | 4:21:00 PM |
| CoreModelClass.java | 3.7 K | Java source code | 4:21:00 PM |
| CoreModel.dsp | 2.8 K | plain text document | 4:21:00 PM |
| ExistsWithinClass.java | 540 bytes | Java source code | 4:21:00 PM |
| ModelEvent.java | 1.7 K | Java source code | 4:21:00 PM |
| ModelListener.java | 159 bytes | Java source code | 4:21:00 PM |
| Relationship.java | 21.0 K | Java source code | 4:21:00 PM |
| RelationshipType.java | 572 bytes | Java source code | 4:21:00 PM |
| test.java | 8.3 K | Java source code | 4:21:00 PM |
| UserDefined.java | 741 bytes | Java source code | 4:21:00 PM |



coremodel

OldOU.lpr - U/h

[matt@cator:/dc

[matt@cator:-]

[Google Search



Wed Aug 11, 5:27 PM



Home



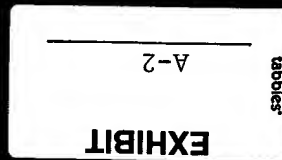
Start Here



Trash



IntelliJ IDEA_4.5



diagramview

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/diagramview

60 View as List

| File name | Size | Type | Date Modified |
|-----------------------------------|-----------|------------------|---------------|
| 4 items folder | | | |
| ConnectableGlyph.java | 2.3 K | Java source code | 4:21:00 PM |
| ConnectionGlyph.java | 7.7 K | Java source code | 4:21:00 PM |
| ContainerGlyphLayout.java | 655 bytes | Java source code | 4:21:00 PM |
| DefaultMasterFacetLayout.java | 11.1 K | Java source code | 4:21:00 PM |
| Drawable.java | 284 bytes | Java source code | 4:21:00 PM |
| DrawingBoard.java | 4.6 K | Java source code | 4:21:00 PM |
| Drawing.java | 13.2 K | Java source code | 4:21:00 PM |
| Engine.java | 16.4 K | Java source code | 4:21:00 PM |
| FacetGlyph.java | 5.8 K | Java source code | 4:21:00 PM |
| Glyph.java | 19.7 K | Java source code | 4:21:00 PM |
| HotSpotGlyph.java | 227 bytes | Java source code | 4:21:00 PM |
| HotSpotListener.java | 241 bytes | Java source code | 4:21:00 PM |
| ItemGlyph.java | 1.8 K | Java source code | 4:21:00 PM |
| Layer.java | 3.3 K | Java source code | 4:21:00 PM |
| MasterFacetGlyph.java | 8.8 K | Java source code | 4:21:00 PM |
| ResizeTransform.java | 1.2 K | Java source code | 4:21:00 PM |
| SimpleTranslateTestTransform.java | 2.4 K | Java source code | 4:21:00 PM |
| SporeGlyph.java | 862 bytes | Java source code | 4:21:00 PM |
| Transform.java | 1.4 K | Java source code | 4:21:00 PM |



Matt's Home



Start Here



Trash



IntelliJ IDEA_4.5

EXHIBIT

A-3

tabbles



gui

[oldOU.ipr - /h

[matt@cato/dc

[matt@cato-]

[Google Search

Wed Aug 11, 5:28 PM

gui

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/gui

View as List

| File name | Size | Type | Date Modified |
|---------------------------|---------|---------------------|---------------|
| CVS | 4 items | folder | |
| util | 4 items | folder | |
| AlertDialog.java | 1.4 K | Java source code | at 4:37:29 PM |
| AnnotationDialog.java | 20.8 K | Java source code | at 4:37:29 PM |
| Dispatcher.java | 2.9 K | Java source code | at 4:21:00 PM |
| DrawingBoardListener.java | 14.1 K | Java source code | at 4:21:00 PM |
| HandleBuffer.java | 2.9 K | Java source code | at 4:21:00 PM |
| OUDocumentWindow.java | 5.6 K | Java source code | at 4:21:00 PM |
| OUListener.java | 17.7 K | Java source code | at 4:37:30 PM |
| OUMenuBar.java | 6.9 K | Java source code | at 4:21:00 PM |
| OUToolbar.java | 3.1 K | Java source code | at 4:21:00 PM |
| RubberBand.java | 3.1 K | Java source code | at 4:21:00 PM |
| Ui.DSP | 2.6 K | plain text document | at 4:21:00 PM |

EXHIBIT

A-4

tables

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou View as List

| File name | Size | Type | Date Modified |
|-------------|----------|------------------|--------------------------|
| coremodel | 15 items | folder | yesterday at 12:12:23 PM |
| CVS | 4 items | folder | yesterday at 12:12:25 PM |
| diagramview | 20 items | folder | yesterday at 12:12:23 PM |
| gui | 13 items | folder | yesterday at 12:12:23 PM |
| plugins | 5 items | folder | yesterday at 12:12:25 PM |
| OU.java | 10.1 K | Java source code | at 4:21:00 PM |

Wed Aug 11, 5:26 PM

[Google Search]

[matt@cato:~]

[matt@cato:/dc]

[matt@cato:/dc]

ou



matt's Home



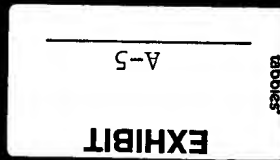
Start Here



Trash



IntelliJ_IDEA_4.5



external

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/plugins/external

View as List

| File name | Size | Type | Date Modified |
|----------------------------|---------|------------------|--------------------------|
| CVS | 4 items | folder | yesterday at 12:12:24 PM |
| ExternalHelper.java | 2.6 K | java source code | at 4:21:00 PM |
| WindowsExternalHelper.java | 3.8 K | java source code | at 4:21:00 PM |



external

oldou.lpr - [h

[matt@cato:/dc

[matt@cato:~]

[Google Search



Wed Aug 11, 5:29 PM



matt's Home



Start Here



Trash



IntelliJ IDEA_4.5

EXHIBIT

A-6

tables

ICEBrowser

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/plugins/ICEBrowser

View as List

| File name | Size | Type | Date Modified |
|-----------------------|---------|------------------|--------------------------|
| CVS | 4 items | folder | yesterday at 12:12:23 PM |
| ICEBrowserViewer.java | 6.4 K | Java source code | at 4:21:00 PM |



ICEBrowser

[OldOU.lpr - I/h

[matt@cato:/d/

[matt@cato:~]

[Google Search

Wed Aug 11, 5:29 PM



Matt's Home



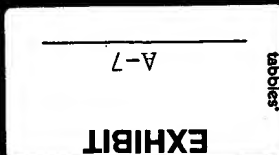
Start Here



Trash



IntelliJ_IDEA_4.5



File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjJ/com/activated/ou/plugins/JIMI

File name

Size

Type

Date Modified

CVS

4 items

folder

yesterday at 12:12:23 PM

JIMIconfigler.java

4.6 K

Java source code

Tuesday 4:37:30 PM

JIMIViewer.java

5.4 K

Java source code

Monday, 4:21:00 PM

View as List



JIMI

[oldou.lpr - /h]

[matt@cato:/dc]

[matt@cato:~]

[Google Search]

1

Wed Aug 11, 5:30 PM



Matt's Home



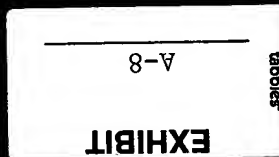
Start Here



Trash



IntelliJ IDEA_4.5



File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/plugins/JMF

View as List

| File name | Size | Type | Date Modified |
|----------------|---------|------------------|--------------------------|
| CVS | 4 items | folder | yesterday at 12:12:24 PM |
| JMFHelper.java | 4.8 K | Java source code | at 4:21:00 PM |
| JMFViewer.java | 9.3 K | Java source code | at 4:21:00 PM |



JMF

[OldOU.lpr - [h

[matt@cato:/dc

[matt@cato:~]

[Google Search



Wed Aug 11, 5:31 PM



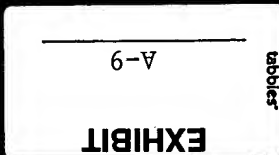
Start Here



Trash



IntelliJ_IDEA_4.5



tools

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjUj/com/activated/tools

View as List

| File name | Size | Type | Date Modified |
|------------|---------|------------------|--------------------------|
| CVS | 4 items | folder | yesterday at 12:12:24 PM |
| Debug.java | 6.6 K | Java source code | at 4:21:00 PM |



tools

[OldOU.lpr - [h

[matt@cato:/dc

[matt@cato:~]

[Google Search

Wed Aug 11, 5:35 PM



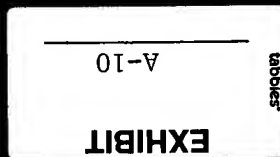
Start Here



Trash



IntelliJ IDEA_4.5



util

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjJ/com/activated/util

View as List

| File name | Size | Type | Date Modified |
|---------------------------------------|-----------|------------------|--------------------------|
| CVS | 4 items | folder | yesterday at 12:12:25 PM |
| ArrayEnumeration.java | 783 bytes | Java source code | at 4:21:00 PM |
| DataTypes.java | 11.2 K | Java source code | at 4:21:00 PM |
| DataTypesRule.java | 4.0 K | Java source code | at 4:21:00 PM |
| ExpandableArray.java | 3.4 K | Java source code | at 4:21:00 PM |
| ExtensionAndMagicRule.java | 3.0 K | Java source code | at 4:21:00 PM |
| IntegerRange.java | 1.5 K | Java source code | at 4:21:00 PM |
| SimpleExtensionOnlyRule.java | 3.6 K | Java source code | at 4:21:00 PM |
| UnableToIdentifyTypeException.java | 2.3 K | Java source code | at 4:21:00 PM |
| UnsupportedRuleShortcutException.java | 2.4 K | Java source code | at 4:21:00 PM |



util

OldOU.ipr - [h

[matt@cato:/dc

[matt@cato:~]

Google Search



Wed Aug 11, 5:37 PM



Matt's Home



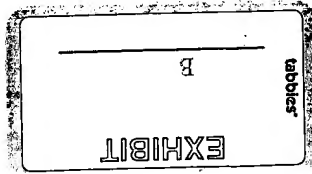
Start Here



Trash



IntelliJ IDEA 4.5

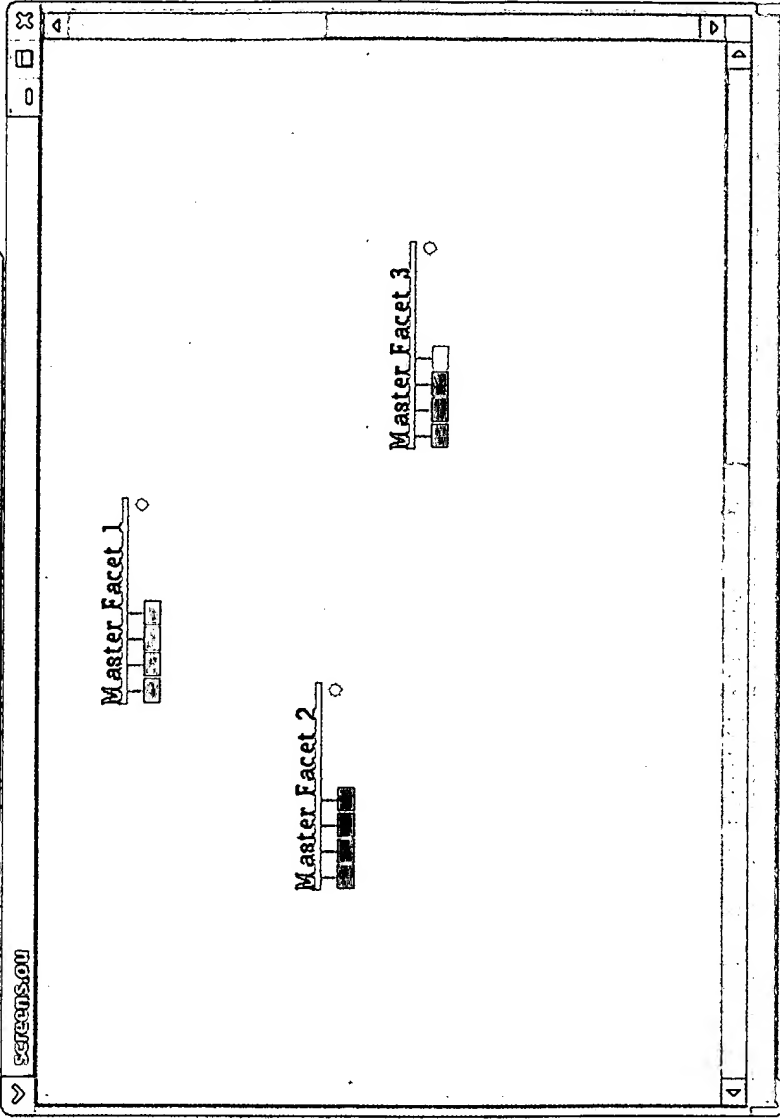


EXHIBIT

tabbics

Object Universe Document Tools
File Edit Help Windows

Icons: File, Edit, Help, Windows, Object Universe, Document Tools



[API Additio

[matt@cato

[OldOU.lpr -

[Full Text B

[Object Univ

[screens.ou



Fri Aug 13, 3:55 PM



Start Here



Start Here



Trash



IntelliJ IDEA 4.5

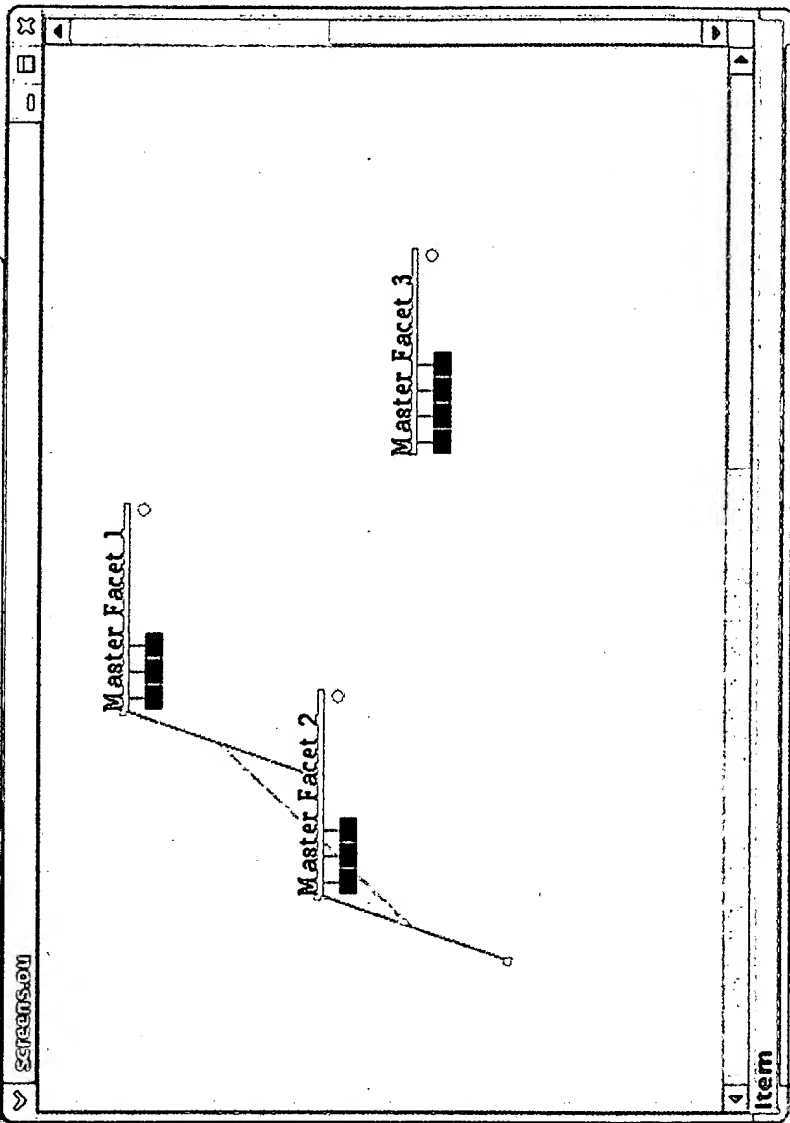
EXHIBIT

2

3/10/02

Object Universal Document Tools
File Edit Help Windows

Icons: File, Edit, Help, Windows, Object Universal Document Tools



<API Additio [matt@cato (OldOU.lpr (Full Text B Object Univ screens.ou

Fri Aug 13, 3:56 PM



Matt's Home



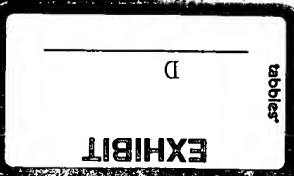
Start Here



Trash

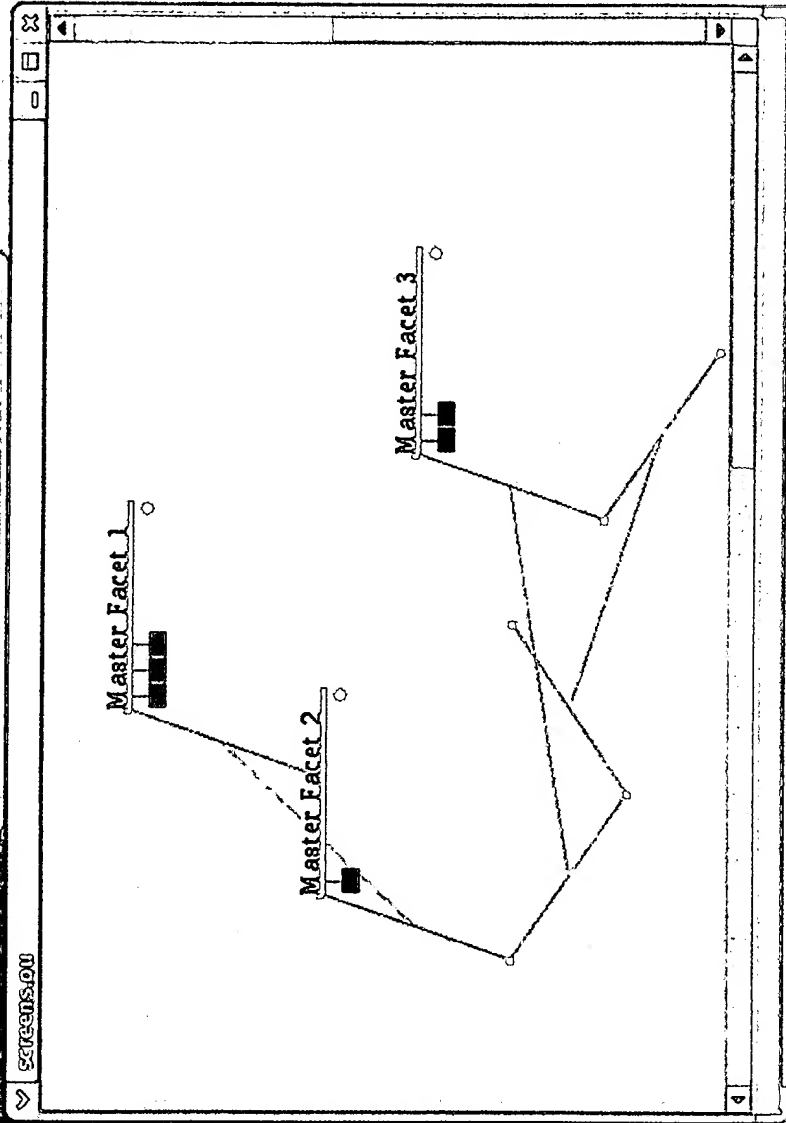


IntelliJ IDEA 4.5



Object Universe Document Tools
 File Edit Help Windows

Icons: File, Edit, Help, Windows, Object Universe, Full Text B, OldOU.lpr, [matt@cato], [API Additc]



[API Additc] [matt@cato] [OldOU.lpr] [Full Text B] [Object Univ] [screens.ou]

Fri Aug 13, 3:57 PM



mat's Home



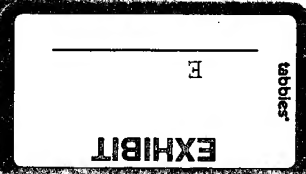
Start Here



Trash

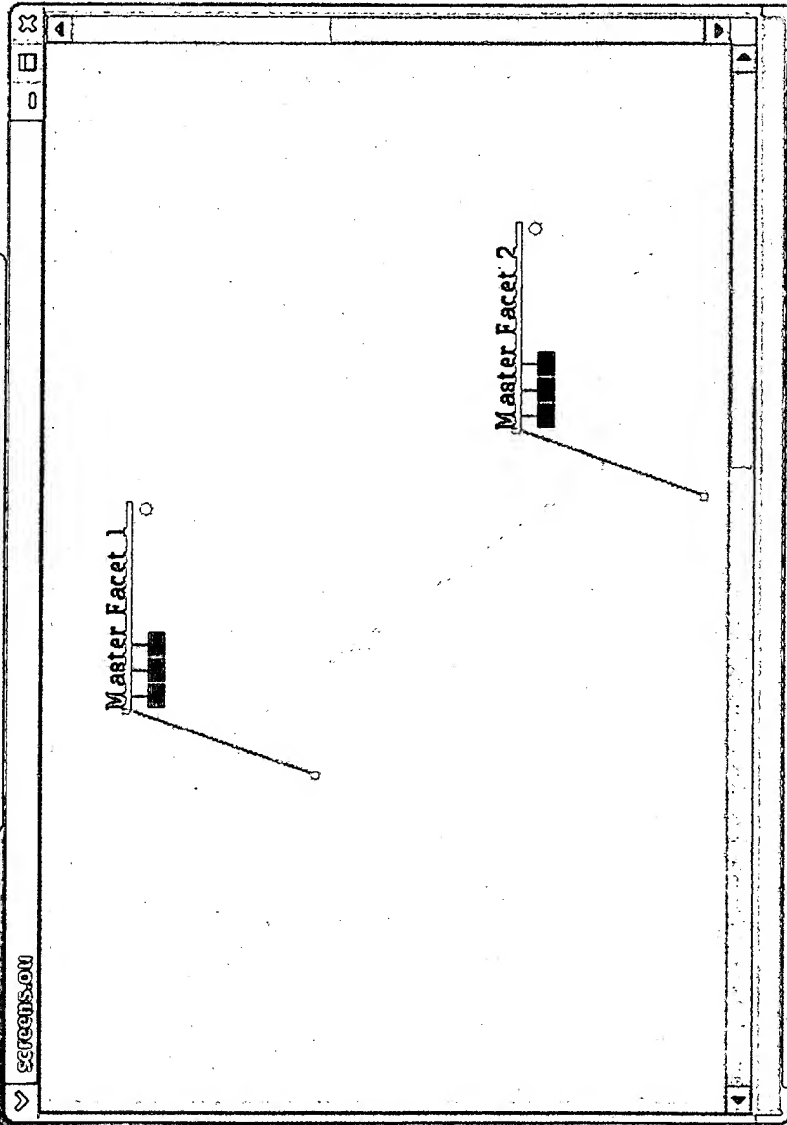


Intel J_IDEA_4.5



Object Universe Document Tools

File Edit Help Windows



API Additio

[matt@cato

OldOU.lpr

Full Text B

Object Univ

screens.ou



Fri Aug 13, 3:58 PM



mat's Home



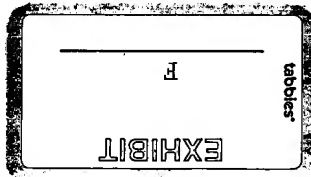
Start Here



Trash



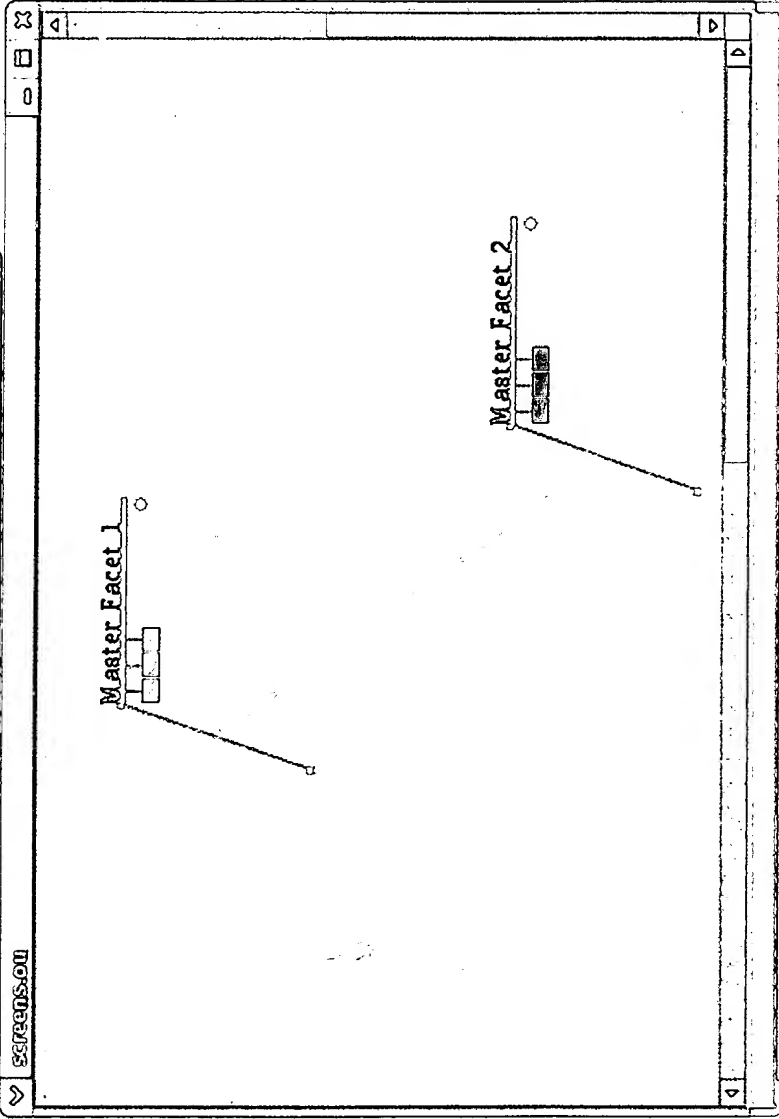
IntelliJ IDEA 4.5



Object Universe Document Tools

File Edit Help Windows

Annotation Tool



[API Additio

[mat@cato

[OldOU.lpr -

[Full Text B

[Object Univ

[screens.ou



Fri Aug 13, 3:58 PM



Start Here



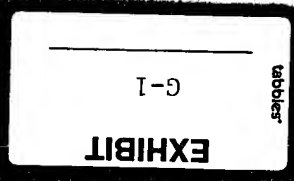
Trash



Intel J. IDEA_4.5



EXHIBIT G-1



Object Universe Document Tools
File Edit Help Windows

Icons: File, Edit, Help, Windows, Object Universe

Object Universe 1

Master Facet 1

Name Content Meta-Info

Name : Master Facet 1

Description

DOB : Fri Aug 13 15:49:16 EDT 2004

Ok Cancel





matt's Home



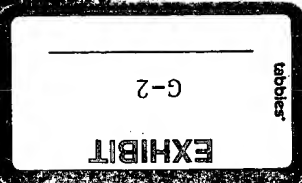
Start Here



Trash



IntelliJ IDEA 4.5



Object Universe Document Tools
File Edit Help Windows

Icons: New, Open, Save, Print, Find, Help

Object Universe 1

Master Facet 1

Name: Content Meta-Info

Type: Master Facet

Category: Relational

Keywords:
Keyword
Object Universe

Object Universe
keyword

New Keyword:

Ok Cancel



API Additc | matt@cat | OldOU.lpr | Full Text B | Object Univ | Object Univ



mat's Home



Start Here



Trash

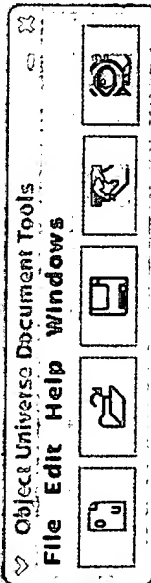


Intel JIDEA 4.5

EXHIBIT

G-3

sc0002



Object Universe 1

Master Page 1

Name Content Meta-Info

Content URL : Browse

Content Category :

Content Comments :
These are some comments on the Masterfacel

Ok Cancel



mat's Home



Start Here



Trash

IntelliJ_IDEA_4.5

EXHIBIT

I-H

tables

Object Universe Document Tools
File Edit Help Windows

Object Universe 1

Item in Master Facet Master Facet 1

Name Content Meta - Info

Name : Some Item

Description of an Item

Ok Cancel

DOB : Fri Aug 13 15:52:10 EDT 2004

Item





Matt's Home



Start Here



Trash

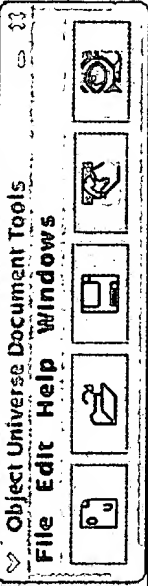


IntelliJ IDEA 4.5

EXHIBIT

H-2

tabbles



Object Universe 1

Item in Master Facet 'Master Facet 1'

Name Content Meta-Info

Content URL :

Content Category :

Content Comments :
Some comments on an item

Browse

Ok Cancel





Start Here



Trash



IntelliJ IDEA 4.5



EXHIBIT H-3

Object Universe Document Tools

File Edit Help Windows

Icons: New, Open, Save, Print, Find, Help, etc.

Object Universe 1

Item in Master Facet 'Master Facet 1'

Name: Content Meta-Info

Type: Item

Category: Relational

Keywords: Object Universe

New Keyword:

Object Universe

keyword

Ok Cancel



API Additio

Imatt@cato

OldOU.lpr

Full Text B

Object Univ

Object Univ



Start Here



Trash



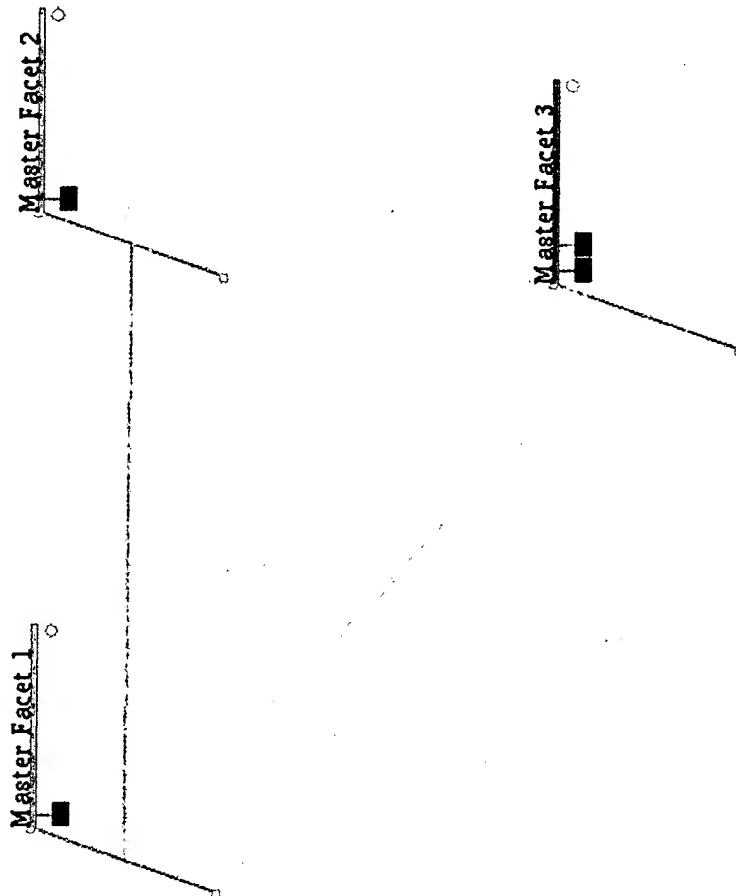
IntelliJ_IDEA_4.5

EXHIBIT

I

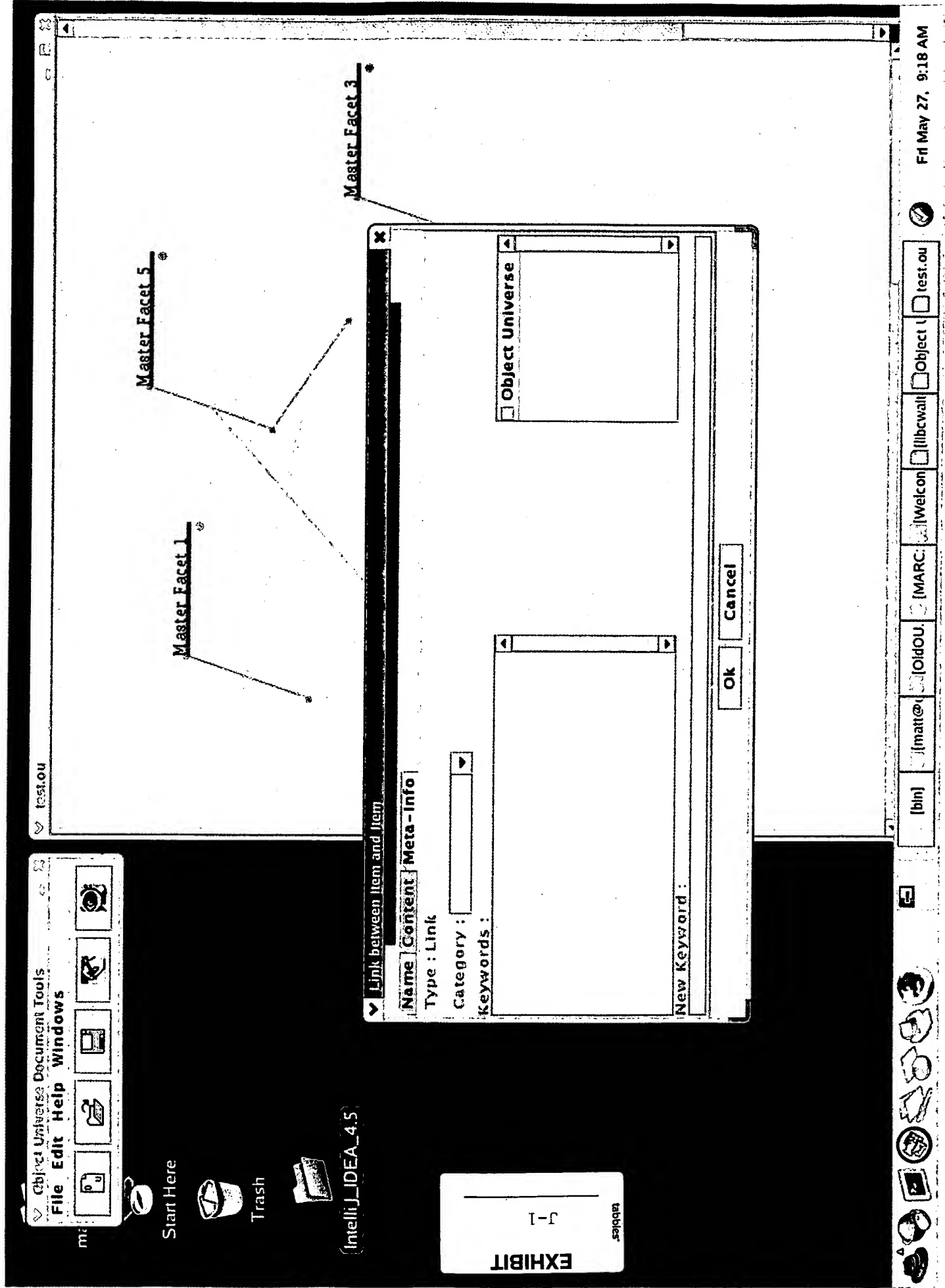
tabbles

Object Universe 1



mailto:ca Object Ur test.ou Object Ur oldOU.ip IMARC: n INBOX (

Fri May 27, 9:59 AM




IntelliJ_IDEA_4.5

Start Here

Trash

Object Universe Document Tools
File Edit Help Windows



test.ou

Master Facet 1

Master Facet 3

Master Facet 5

Link between Item and Item

Name Content Meta-Info

Content URL :

Content Category :

Content Comments :

Browse

Ok Cancel

me

Start Here



Trash

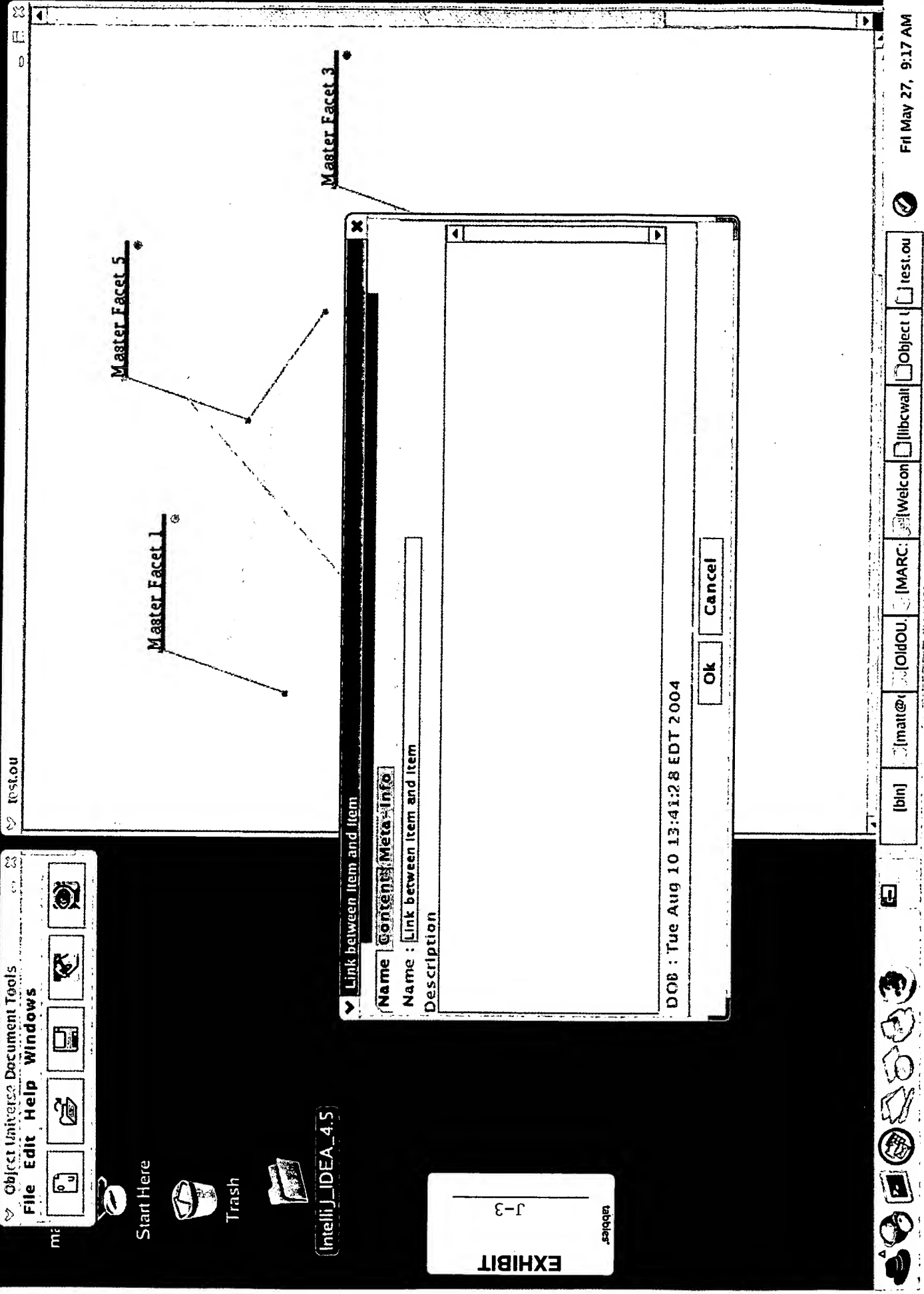


IntelliJ_IDEA_4.5

EXHIBIT

J-3

tabbles



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☒ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.